IN THE CLAIMS:

Please amend claims 1, 13, 24 and 28 as set forth below, and please cancel claims 7, 10-12, 18-23 and 27 without prejudice or disclaimer of the subject matter thereof.

- 1. (currently amended) A screen for allowing a light generated by a light source and modulated by a picture display device having pixels laid out to form a matrix to produce an image thereon to be projected by using a projection optical means on said screen as an enlarged picture, said screen comprising:
 - a Fresnel lens sheet forming Fresnel lenses at an emission side of said light; a first configuration element having:
- a plurality of lenticular lenses at an incidence side of light emitted from said Fresnel lens sheet;

light passing windows formed at a light emission side of said first configuration element and each provided at a place in close proximity to each focal point of said lenticular lenses;

a plurality of light absorbing layers each provided among said light passing windows; and

a second configuration element placed on said emission side of said first configuration element;

wherein a pitch of said light passing windows absorbing layers formed on said first configuration element is made smaller than a pitch in a horizontal direction of pixels projected and enlarged on said screen from said image produced by said picture display device, and a pitch in a vertical direction of the pixels projected and enlarged on said screen from said image produced by said picture display device is at least twice of a pitch of said Fresnel lenses formed on said Fresnel lens sheet;

wherein said second configuration element is adhered to said first configuration element so as to eliminate an air boundary surface therebetween; and wherein a reflection preventing film is bound-provided at an observation-side surface of said second configuration element.

- 2. (previously amended) A screen according to claim 1 wherein an emission surface of a light passing plate provided on said second configuration element is subjected to a reflection preventing process for preventing reflection of a visible light.
- 3. (previously amended) A screen according to claim 1 wherein, on an emission side of a light passing plate provided on said second configuration element, there is provided a reflection preventing film for preventing reflection of a visible light.
- 4. (previously amended) A screen according to claim 2 wherein a light scattering material is mixed inside said light passing plate.
- 5. (previously amended) A screen according to claim 2 wherein a light scattering layer is provided between said light passing plate and said first configuration element.
- 6. (previously amended) A screen according to claim 1 wherein: said Fresnel lenses of said Fresnel lens sheet are laid out at a pitch Fp; said light passing windows are laid out in a horizontal direction of said screen at a pitch Lp; and

a ratio Lp/Fp of said pitch Lp to said pitch Fp is set at a value in the range 1.588 to 1.649.

7. (canceled) A screen for projecting an enlarged picture on said screen from a picture display apparatus including a light source, a picture display device implemented as a matrix of pixels each having a means for modulating the intensity of a light generated by said light source, and a projection optical means for projecting said displayed picture appearing on said picture display device,

said screen comprising:

a first configuration element having a plurality of lenticular lenses provided on a light-emission side of said picture display device and light absorbing layers provided on a light-emission side of said lenticular lenses; and

a light passing second configuration element provided on said light-emission side of said first configuration element;

said lenticular lenses having a longitudinal direction coinciding with a screen surface vertical direction and laid out contiguously in a screen surface horizontal direction; and

said light absorbing layers sandwiched by boundaries of any two adjacent openings each provided at a location in close proximity to a focal point of one of said lenticular lenses associated with said opening;

wherein:

said first and second configuration elements are bound or stuck to each other so as to eliminate an air boundary surface therebetween;

a pitch of said openings is made smaller than a pitch of pixels projected and enlarged on said screen from said displayed picture output by said picture display device; and

a pitch of interference lines caused by interference between a pitch of an opening of said lenticular lenses and a pitch in the horizontal direction of pixels projected and enlarged on said screen from said image produced by said picture display device is set at a value equal to or smaller than said pitch of pixels projected and enlarged on said screen from said displayed picture output by said picture display device.

- 10. (canceled) A screen according to claim 7 wherein a light scattering material is mixed inside said second configuration element.
- 11. (canceled) A screen according to claim 7 wherein a light scattering layer is provided between said second configuration element and said first configuration element.
- 12. (canceled) A screen according to claim 7 wherein a third configuration element having Fresnel lenses is provided on a light-incidence side of said first configuration element;

said Fresnel lenses of said third configuration element laid out at a lens pitch Fp;

said openings of said first configuration element are laid in a horizontal direction of said screen at a pitch Lp;

a ratio Lp/Fp of said lens pitch Lp to said pitch Fp is at a value in the range 1.588 to 1.649; and

a pitch MpI of moire lines is set at a value smaller than a pitch lph of pixels projected and enlarged on said screen in a screen horizontal direction from said displayed picture output by said picture display device.

13. (currently amended) A projection-type picture display apparatus comprising:

a light source;

a picture display device implemented as a matrix of pixels for modulating the intensity of a light generated by said light source; and

a projection optical means for projecting a picture appearing on said picture display device, a Fresnel lens sheet <u>having Fresnel lenses formed thereon and</u> placed on an emission side of said picture display device;

a first configuration element having:

lenticular lenses provided on an incidence side of a light passing through said Fresnel lens sheet; and

light absorbing layers each provided at a place in close proximity to the focal point of one of said lenticular lenses and are separated from each other by a predetermined distance for forming a light passing window;

a second configuration element having a light passing plate fixed on said emission side of said first configuration element;

wherein a pitch of said light passing windows absorbing layers is made smaller than a pitch in a horizontal direction of pixels projected and enlarged on a screen from an image produced by said picture display device; and

wherein a pitch in a vertical direction of the pixels projected and enlarged on said screen from said image produced by said picture display device is at least twice of a pitch of said Fresnel lenses formed on said Fresnel lens sheets; and

wherein said second configuration element is adhered to said first configuration element so as to eliminate an air boundary surface therebetween.

- 14. (original) A projection-type .picture display apparatus according to claim 13 wherein, on an emission side of said light passing plate, there is provided a reflection preventing film for preventing reflection of a visible light.
- 15. (original) A projection-type picture display apparatus according to claim13 wherein a light scattering material is mixed inside said light passing plate.
- 16. (original) A projection-type picture display apparatus according to claim 13 wherein a light scattering layer is provided between said light passing plate and said first configuration element.
- 17. (previously amended) A projection-type picture display apparatus according to claim 13 wherein:

Fresnel lenses of said Fresnel lens sheet are laid out at a pitch Fp; said light passing windows are laid out in a horizontal direction of said screen at a pitch Lp; and

a ratio Lp/Fp of said pitch Lp to said pitch Fp is set at a value in the range 1.588 to 1.649.

18. (canceled) A projection-type picture display apparatus comprising:

a light source;

a picture display device implemented as a matrix of pixels each having a means for modulating the intensity of a light generated by said light source;

a projection optical means for projecting a displayed image appearing on said picture display device; and

a screen used by said projection optical means to project said displayed image as an enlarge picture and provided with:

a first configuration element having a plurality of lenticular lenses provided on a light-emission side of said picture display device and light absorbing layers provided on a light-emission side of said lenticular lenses, and

a light passing second configuration element provided on said lightemission side of said first configuration element,

said lenticular lenses having a longitudinal direction coinciding with a screen surface vertical direction and laid out contiguously in a screen surface horizontal direction;

said light absorbing layers sandwiched by boundaries of any two adjacent openings each provided at a location in close proximity to a focal point of one of said lenticular lenses associated with said opening; and

said first and second configuration elements are bound or stuck to each other so as to eliminate an air boundary surface therebetween;

wherein a pitch of said openings is made smaller than a pitch of pixels projected and enlarged on said screen from said displayed image output by said picture display device; and

a pitch of interference lines caused by interference between a pitch of an opening of said lenticular lenses and a pitch in the horizontal direction of pixels

projected and enlarged on said screen from said image produced by said picture display device is set at a value equal to or smaller than said pitch of pixels projected and enlarged on said screen from said displayed image output by said picture display device.

- 19. (canceled) A projection-type picture display apparatus according to claim 18 wherein an emission surface of said second configuration element is subjected to a reflection preventing process for preventing reflection of a visible light.
- 20. (canceled) A projection-type picture display apparatus according to claim 18 wherein a light scattering material is mixed inside said second configuration element.
- 21. (canceled) A projection-type picture display apparatus according to claim 18 wherein a light scattering layer is provided between said second configuration element and said first configuration element.
- 22. (canceled) A projection-type picture display apparatus according to claim 18 wherein:

a third configuration element having Fresnel lenses is provided on a lightincidence side of said first configuration element;

said Fresnel lenses of said third configuration element are laid out at a lens pitch Fp;

said openings of said first configuration element are laid out in a horizontal direction of said screen at a pitch Lp;

a ratio Lp/Fp of said lens pitch Lp to said pitch Fp is set at a value in the range 1.588 to 1.649; and

a pitch Mpl of moire lines is set at a value smaller than a pitch lph of pixels projected and enlarged on said screen in a screen horizontal direction from said displayed image output by said picture display device.

- 23. (canceled) A screen comprising:
- a Fresnel lens sheet;
- a first configuration element having:

lenticular lenses provided on an incidence side of a light passing through said Fresnel lens sheet; and

light absorbing layers each provided at a place in close proximity to the focal point of one of said lenticular lenses and are separated from each other by a predetermined distance for forming a light passing window; and

a second configuration element having a light passing plate fixed on said emission side of said first configuration element;

wherein a pitch of said light passing windows is made smaller than a pitch of pixels projected and enlarged on said screen from said image produced by said picture display device; and

wherein said second configuration element is adhered to said first configuration element so as to eliminate an air boundary surface therebetween.

24. (currently amended) A screen for projecting an enlarged picture on said screen from a picture display apparatus comprising:

<u>a Fresnel lens sheet having Fresnel lenses formed thereon at a light-emission</u> <u>side of said picture display apparatus;</u>

a first configuration element having a plurality of lenticular lenses provided on a said light-emission side of said picture display device apparatus and light absorbing layers provided on a light-emission side of said lenticular lenses, and

a light passing second configuration element provided on said light-emission side of said first configuration element, said lenticular lenses having a longitudinal direction coinciding with a screen surface vertical direction and laid out contiguously in a screen surface horizontal direction; and

said light absorbing layers sandwiched by boundaries of any two adjacent openings each provided at a location in close proximity to a focal point of one of said lenticular lenses associated with said opening;

wherein said first and second configuration elements are bound or stuck bonded or adhered to each other so as to eliminate an air interface therebetween;

a pitch of said openings is made smaller than a pitch of pixels projected and enlarged on said screen from said displayed picture output <u>produced</u> by said picture display-device <u>apparatus</u>; and

a pitch of interference lines caused by interference between a pitch of an opening of said lenticular lenses and a pitch in the horizontal direction of pixels projected and enlarged on said screen from said image displayed picture output produced by said picture display device apparatus is set at a value equal to or smaller than said pitch of pixels projected and enlarged on said screen from said displayed picture output produced by said picture display device apparatus; and

a pitch in a vertical direction of the pixels projected and enlarged on said screen from displayed picture output produced by said picture display apparatus is at least twice of a pitch of said Fresnel lenses formed on said Fresnel lens sheet.

25. (original) A screen according to claim 1, wherein:

a pitch of said lenticular lenses formed on said first configuration element is Lp;

a pitch of said Fresnel lens formed on said Fresnel lens sheet is Fp;
a ratio of Lp/Fp of said pitch Lp to said pitch Fp is set at a value in the range
of 1.588 to 1.649;

a pitch Mp1 of moire lines caused by said pitch Lp of said lenticular lenses and said pitch Fp of said Fresnel lens and a horizontal component lph of a pitch lp of said pixels enlarged and projected on said screen are substantially equal; and

a ratio Ipv/Fp of a vertical component Ipv of said pitch Ip of said pixels enlarged and projected on said screen to said pitch Fp of said Fresnel lens is set to at least 2.

- 26. (original) A screen according to claim 1, wherein said plurality of lenticular lenses of said first configuration element extend in a vertical direction and are arranged in a horizontal direction at the incident side of light emitted from said Fresnel lens sheet.
- 27. (canceled) A screen according to claim 1, wherein a reflectance of said reflection preventing film does not exceed 1% in the visible wavelength region.

28. (currently amended) A screen for allowing a light generated by a light source and modulated by a picture display device having pixels laid out to form a matrix to produce an image thereon to be projected by using a projection optical means lens on said screen as an enlarged picture, said screen comprising:

a Fresnel lens sheet formed of Fresnel lenses at an emission side of said light;

a first configuration element having:

a plurality of lenticular lenses extended to a vertical direction and arranged in a horizontal direction at an incidence side of light emitted from said Fresnel lens;

light passing windows formed at a light emission side of said first configuration element and each provided at a place in close proximity to each focal point of said lenticular lenses;

a plurality of light absorbing layers each provided among said light passing windows; and

a second configuration element placed on said emission side of said first configuration element;

wherein a pitch of said light passing windows absorbing layers formed on said first configuration element is made smaller than a pitch in a horizontal direction of the pixels projected and enlarged on said screen from said image produced by said picture display device, and a pitch in a vertical direction of the pixels projected and enlarged on said screen from said image produced by said picture display device is at least twice of a pitch of said Fresnel lenses formed on said Fresnel lens sheet.